

AMENDMENT TO THE CLAIMS

1. - 22 (Canceled)

23. (Previously Presented) An isolated nucleic acid, wherein the sequence of the nucleic acid is selected from the group consisting of:

- (a) SEQ ID NO: 348;
- (b) a DNA encoding the nucleic acid of (a), wherein the DNA is identical in length to (a);
- (c) a sequence at least 80% identical to (a) or (b), wherein the sequence is 19-24 nucleotides in length; and
- (d) the complement of any one of (a)-(c), wherein the complement is identical in length to (a)-(c).

24. (Canceled)

25. (Previously Presented) An isolated nucleic acid, wherein the sequence of the nucleic acid is selected from the group consisting of:

- (a) SEQ ID NO: 4233864;
- (b) a DNA encoding the nucleic acid of (a), wherein the DNA is identical in length to (a); and
- (c) the complement of (a) or (b), wherein the complement is identical in length to (a) or (b).

26. - 30 (Canceled)

31. (Currently Amended) A vector comprising ~~a heterologous sequence~~ a human insert, wherein ~~the heterologous sequence~~ the human insert consists of the sequence of the nucleic acid of claim 23, and wherein the vector comprises no other inserts but the nucleic acid of claim 23.

32. (Canceled)

33. (Currently Amended) A vector comprising ~~a heterologous sequence~~ a human insert, wherein ~~the heterologous sequence~~ the human insert consists of the sequence of the nucleic acid of claim 25, and wherein the vector comprises no other inserts but the nucleic acid of claim 25.

34. - 38. (Canceled)

39. (Currently Amended) A probe comprising ~~a heterologous sequence~~ a human insert, wherein ~~the heterologous sequence~~ the human insert consists of the sequence of the nucleic acid of claim 23, and wherein the probe comprises no other insert but the nucleic acid of claim 23.

40. (Currently Amended) A probe comprising ~~a heterologous sequence~~ a human insert, wherein the ~~heterologous sequence~~ the human insert consists of the sequence of the nucleic acid of claim 25, and wherein the probe comprises no other inserts but the nucleic acid of claim 25.